

control, Seed Pathology, Post harvest Pathology, breeding for disease resistance, disease forecasting, mushroom cultivation and integrated disease management strategies for all major diseases in Agricultural and Horticultural crops. The Department has well equipped laboratories.

#### Location

VIROCON, 2014 will be held on the main campus of Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu.

#### How to reach?

Coimbatore is well connected from all parts of the country by Air, Rail and Road. TNAU is located ~15 km from

International Airport; 6 km from Coimbatore railway junction and Gandhipuram TNSTC bus stand. Taxi/bus services are frequently available from all these places to reach TNAU located at Maruthamalai road.

#### Conference Secretariat

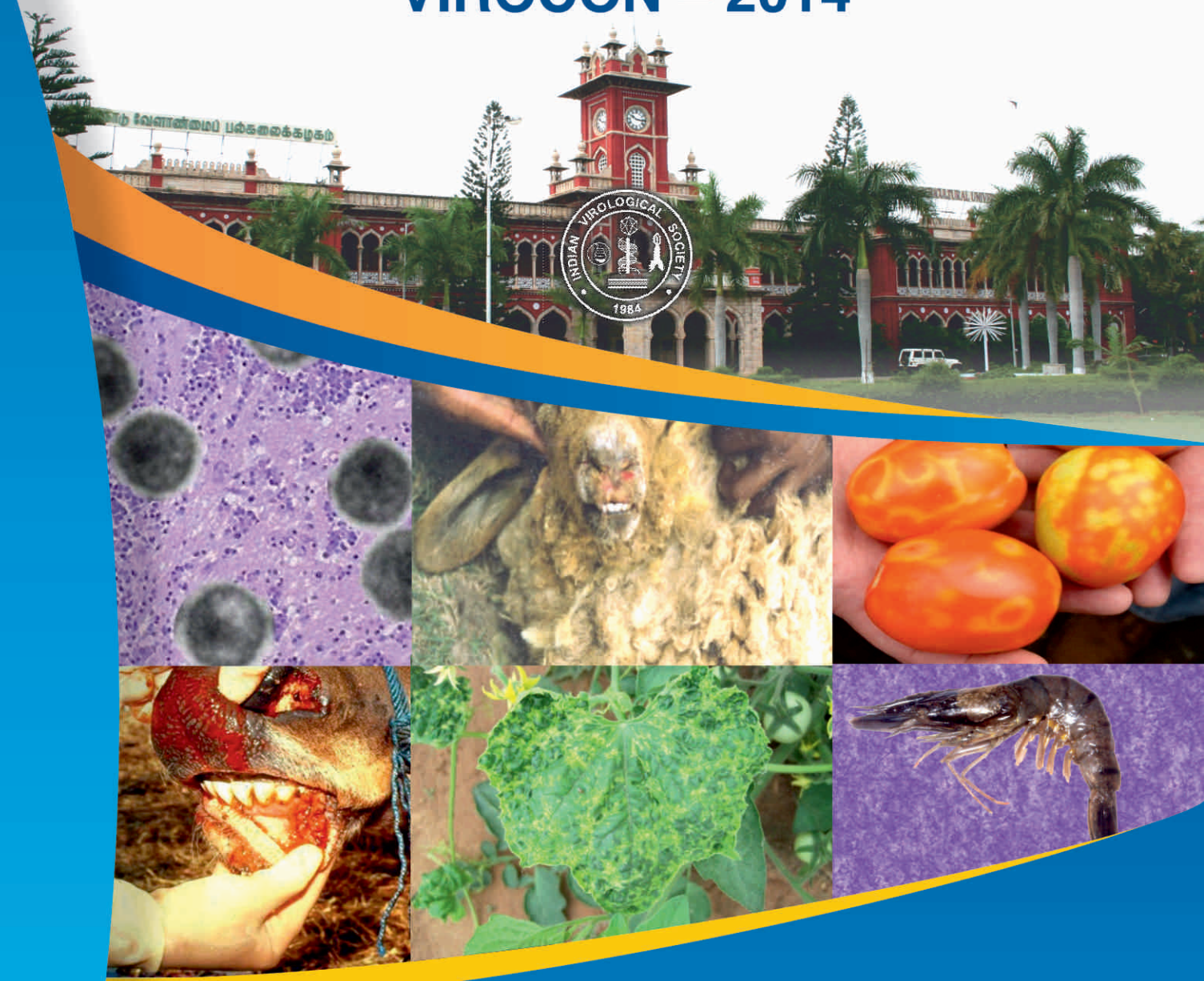
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Centre for Plant Protection Studies  
Tamil Nadu Agricultural University, Coimbatore-641 003  
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# VIROCON – 2014



## Indian Virological Society (IVS) XXIII National Conference on

“Recent Trends in Virology Research in the Omics Era”

December 18-20, 2014

Organized by

Tamil Nadu Agricultural University

Coimbatore- 641003, Tamil Nadu

In Association with

Sugarcane Breeding Institute, ICAR, Coimbatore  
National Research Centre for Banana, ICAR, Trichy



## Dear Colleagues,

Indian Virological Society (IVS) cordially invites you to attend the "VIROCON-2014" the XXIII National Conference on "Recent Trends in Virology Research in the Omics Era" to be held at the Tamil Nadu Agricultural University, Coimbatore - 641003, Tamil Nadu from **18-20 December, 2014**. It facilitates an excellent occasion for eminent and young scientists for presenting the scientific data and interacting with renowned scientists in the fields of Plant Virology, Medical Virology, Veterinary Virology and Aquaculture Virology.

## Indian Virological Society

Indian Virological Society (IVS) came into existence during December 1984 with an objective to promote research and development in the field of Virology. IVS provides platform for the management of viruses affecting humans, animals, fishes, insects and plants. IVS organizes National and International Conferences, Training, Seminar, Industry-meet, etc. The society publishes its official journal, "Virus Disease" quarterly through Springer. IVS is the member of International Union of Microbiological Society (IUMS). The society recognizes outstanding contributions of individuals in the field of Virology and confers "K.S. Bhargava Oration Award" and "Fellow of IVS". In addition, 'Young Scientist Award' has been instituted which is given to a scientist upto 35 years age or below, who is adjudged best in a specially organized paper presentation session each year along with the Annual Convention. Hitherto the IVS has organized 22 National Symposia /Conferences and 4 international Conferences on important current topics.

## Themes and Technical sessions

### I. Plant Virology

#### 1. Epidemiology and Diagnosis

- Emerging and re-emerging plant viruses in the tropics and subtropics
- Diagnostics of plant viruses and Plant viruses in human habitats

#### 2. Genomics

- Viral genomics and diversity
- VIGS-vector and functional genomics
- Host-virus-vector interactions
- Nanotechnology applications

#### 3. Management

- Management strategies for plant viral diseases
- RNAi approaches for managing plant virus diseases
- Plant quarantine, bio security, certification of virus free seeds and tissue culture plants

### II. Medical Virology

#### 1. Epidemiology and Diagnosis

- Virus diagnosis & diagnostics
- Emerging, re-emerging viral infections & zoonoses
- Pathogenesis & Immunology
- Organ Specific Cancers and Tumour Virology
- Viral Hepatitis
- Neurological Infections
- Blood borne viruses
- Diarrheal diseases
- Influenza, other respiratory viruses and Vector Borne Diseases

#### 2. Disease Control

- Opportunities and Challenges in Controlling HIV Infection
- Antiviral agents & vaccines
- Prevention & control of viral infections
- Recent advances in Drug Discovery, therapeutic approaches and targets for viral Infections

### III Veterinary Virology

#### 1. Diagnosis

- Developments in animal viral disease diagnosis
- Epidemiology of animal viruses
- Transboundary and emerging animal viral Diseases
- Vector Borne and zoonotic viral Diseases

#### 2. Genomics

- Frontier research areas in animal Virology
- Genomics and Proteomics
- Next generation gene sequencing
- Nanotechnology
- Biosensors
- Genetic Diversity

#### 3. Disease Prevention and Control

- Influenza Virus Research in India
- Control of animal viral diseases
- Innovative approaches in anti viral drugs and vaccines

### IV Aquatic Virology

- Virology of the aquatic environment
- Viral diseases of crustaceans
- Marine & freshwater fish viral diseases
- Antiviral therapy of aquatic animal viruses
- Aquatic animals and viruses as research models & biotechnology tools
- Bio security & Bio safety of aquatic animal environments from viral threat

## Participation and Registration

All the delegates must register to participate in the VIROCON-2014 in the prescribed Registration Form, which can be downloaded from the website [www.ivsnet.in](http://www.ivsnet.in), [www.tnau.ac.in](http://www.tnau.ac.in). A crossed Demand Draft from any nationalized bank in favour of "Organizing Secretary, VIROCON-2014" payable at Coimbatore, should be sent to, Organizing Secretary, VIROCON-2014, Department of Plant Pathology, Tamil Nadu Agricultural University, Coimbatore-641003, Tamil Nadu.

## Registration Fee

Participants	Till October 30, 2014 (Rs)	After October 30, 2014 (Rs)
IVS Members	3000	3500
Non-IVS Members	4000	4500
PG/Research Students	1500	2000
Accompanying Persons	1500	2000
Industry Delegates	5000	5500

## Abstract Submission

Participation in VIROCON-2014 is open to all the Scientists, Faculty members, Research scholars, who are actively working in the field of Virology. Abstracts for Oral/Poster presentation should be in a maximum 300 words including the title, authors and address. Abstracts should be prepared in MS Word, Times New Roman, 12 font size and single space leaving 1" margin on the left and right sides of a page. The field to which the abstract belongs must be clearly indicated in the registration application, e-mail ID of the presenting author must be clearly given in the abstract. Abstract should be submitted on or before **October 31<sup>st</sup>, 2014** in electronic form only as e-mail attachment to respective session co-ordinator's email given below:

Plant Virology: [tnauvirocon14@gmail.com](mailto:tnauvirocon14@gmail.com)

Animal Virology: [malikyeps@gmail.com](mailto:malikyeps@gmail.com),  
[malikyeps@ivri.res.in](mailto:malikyeps@ivri.res.in)

Aquatic Virology: [rjjjohn@gmail.com](mailto:rjjjohn@gmail.com)

Medical Virology: [rathopgi@yahoo.com](mailto:rathopgi@yahoo.com)

The abstract will be accepted subject to the payment of the Registration Fee. The acceptance will be communicated to the presenting author through e-mail during first week of November

## Accommodation

A limited number of registered delegates will be accommodated at the available Guest Houses in the different institutes on first-come-first-served basis on official rates. Other guests will be provided accommodation in the hotels located in the city.

## Hotel Tariff

Vijay Paradise  
Hotel Alankar  
Annapoorna Hotel  
The Residency Hotel

Concessional tariff rates are available for these Hotel please check the websites

## About Coimbatore

Coimbatore also known as *Kovai* is the second largest city and urban agglomeration in the Indian state of Tamil Nadu, after Chennai. It is one of the fastest growing tier-II cities in India and a major textile, industrial, commercial, educational, information technology, healthcare and manufacturing hub of Tamil Nadu. Due to profound role as an industrial hub and multi-faceted business endeavors, Coimbatore is referred popularly as "Manchester of South India". In spite of its prominence as a bustling industrial city, Coimbatore still remains as one of the most pollution free cities in India.

The city houses research institutes like Central Institute for Cotton Research, Sugarcane Breeding Institute, Institute for Forest Genetics and Tree Breeding, Indian Council for Forestry Research and Education, Tamil Nadu Institute of Urban Studies etc. In spite of its industrial and technological growth, traditions and age old customs are still held in high esteem.

## About TNAU

Tamil Nadu Agricultural University rated as the best Agricultural University in India by Indian Council of Agricultural Research, New Delhi and as Center of Excellence for higher education in Agricultural and allied subjects. The TNAU had begun as an Agricultural School at Saidapet in Chennai in 1876 and proliferated as a college in Coimbatore, during 1906 and later ascribed as University in 1971. Till 1946, the Agricultural College and Research Institute was the only institute for agricultural education for the whole of South India. In 1958, it was recognized as a Postgraduate Centre offering Masters and Doctoral degrees.

The significant role in offering agricultural education by TNAU is made possible through the 11 constituent colleges in seven campuses and eight diploma institutes. The curriculum of the university is tailored to meet out the needs of the clientele who are engaged in Agriculture, Horticulture, Agricultural Engineering, Agricultural Processing, Agricultural Marketing, Agro based industries and Home Science as well as future agriculture development and research. University has high reputation in international forum.

Department of Plant Pathology of the Agricultural College and Research Institute, Coimbatore (organizers of VIROCON-14) was started in the year 1910 with the Government Mycologist as Head of the Department. This department has major research focus on Virology, Biological